In the Claims:

Please add new claims 23-35 as follows:

Claims 1-9 and 11-22 (canceled).

10. (previously amended) An electrospray device comprising:

a monolithic substrate having a plurality of entrance orifices on an injection side and a plurality of nozzles on an ejection surface on an opposite planar side from the injection side, a plurality of channels each extending continuously through the monolithic substrate in communication with one of the plurality of entrance orifices and a corresponding one of the plurality of nozzles, and a region surrounding each nozzle recessed from the ejection surface;

said plurality of nozzles disposed in an array for ejecting a plurality of analytes at a mass spectrometry device interface; and

a plurality of electrodes for the application of electric potentials for generating and controlling an electric field at each nozzle to direct the ejection of the analytes from the nozzles within an acceptance region of the mass spectrometry device.

23. (new) The device of claim 10, further comprising

an insulating layer provided over at least an interior surface of said channels and the interior and exterior surfaces of said nozzles to electrically isolate said surfaces from said substrate.

24. (new) The device of claim 23, wherein said insulating layer is silicon oxide.

25. (new) The device of claim 24, wherein said silicon oxide is grown by thermal oxidation of silicon.

26. (new) The device of claim 24, wherein said silicon oxide is deposited by a deposition technique.

27. (new) The device of claim 10, wherein said nozzles are coplanar with or below said ejection surface.

28. (new) The device of claim 10, wherein an array of said plurality of nozzles are positioned in a circular pattern on said ejection surface.

29. (new) The device of claim 10, further comprising a conduit in fluid communication with at least one entrance orifice such that said device delivers fluid to said entrance orifice.

30. (new) The device of claim 29, wherein said conduit is selected from the group consisting of capillary, chip, and micropipette tip.

31. (new) The device of claim 28, wherein said circular pattern comprises 96 nozzles having widths of up to 50 μm positioned around a circle 2 mm in diameter such that the spacing between each adjacent pair of nozzles is approximately 65 μm.

32. (new) The device of claim 10, wherein the substrate is silicon.

33. (new) The device of claim 10, wherein the plurality of nozzles are capable of being rotated within the acceptance region of the mass spectrometry device.

34. (new) The device of claim 10, wherein the plurality of nozzles are in a fixed position relative to the acceptance region of the mass spectrometry device.

35. (new) The device of claim 10, wherein said generating and controlling an electric field at each nozzle includes generating an electrospray simultaneously, sequentially, or randomly at one, more than one, or all of the nozzles.